

What is Claimed is:

1. A master disc comprising:

a magnetic layer containing a magnetization pattern embedded therein as a servo signal composed of a servo detection pattern and servo address information to be written to a magnetic recording medium; and

an area for registering information indicating a start position for inverting or non-inverting data of the servo address information formed between the servo detection pattern and the servo address information of the servo signal,

wherein the servo address information has a first section and a second section each containing a predetermined number of bits,

wherein when all of the predetermined number of bits of the first section contain the same “0” or “1,” and a beginning bit of the second section begins with the same “0” or “1” of the first section, the second section is inverted and the beginning bit of the second section is registered in the area as a start position of inversion..

2. A master disc according to claim 1, wherein when a beginning bit of the second section does not begin with the same “0” or “1” of the first section, the second section is not inverted and the beginning bit of the second section is registered in the area as a start position of non-inversion.

3. A master disc according to claim 1, wherein the servo address information has a third section containing a predetermined number of bits, and wherein when all of the predetermined number of bits of the second section, whether inverted or non-inverted, contains the same “0” or “1,” and a beginning bit of the third section begins with the same “0” or “1” of the second section, the third section is inverted and the beginning bit of the third section is registered in the area as a start position of inversion.

4. A master disc according to claim 3, wherein when a beginning bit of the third section does not begin with the same “0” or “1” of the second section, the third section is not inverted

and the beginning bit of the third section is registered in the area as a start position of non-inversion.

5. A master disc according to claim 4, wherein when the second section is inverted and the third section is not inverted, the second section is registered in the area as inverted bits.

6. A master disc according to claim 4, wherein the servo address information has cylinder ID information that is subjected to 18-bit cylinder information to gray coding, wherein each of the cylinder ID has the first section composed of seven bits, the second section composed of seven bits, and the third section composed of 4 bits.

7. A method of manufacturing a master disc, comprising the steps of:  
providing a magnetic layer containing a magnetization pattern embedded therein as a servo signal composed of a servo detection pattern and servo address information to be written to a magnetic recording medium, wherein the servo address information has a first section and a second section each containing a predetermined number of bits;  
providing an area for registering information indicating a start position for inverting or non-inverting data of the servo address information between the servo detection pattern and the servo address information of the servo signal;  
inverting the second section and registering a beginning bit of the second section in the area as a start position of the inversion when all of the predetermined number of bits of the first section contain the same “0” or “1,” and the beginning bit of the second section begins with the same “0” or “1” of the first section.

8. A method according to claim 7, comprising the step of registering the beginning bit of the second section in the area as a start position of non-inversion when the beginning bit of the second section does not begin with the same “0” or “1” of the first section.

9. A method according to claim 8, wherein the servo address information has a third section containing a predetermined number of bits, further comprising the step of inverting the third

section and registering a beginning bit of the third section in the area as a start position of inversion when all of the predetermined number of bits of the second section, whether inverted or non-inverted, contain the same “0” or “1,” and the beginning bit of the third section begins with the same “0” or “1” of the second section.

10. A method according to claim 9, comprising the step of registering the beginning bit of the third section in the area as a start position of non-inversion when the beginning bit of the third section does not begin with the same “0” or “1” of the second section.

11. A method according to claim 10, wherein when the second section is inverted and the third section is not inverted, the second section is registered in the area as the inverted bits.

12. A method according to claim 10, wherein the servo address information has cylinder ID information that is subjected to 18-bit cylinder information to gray coding, wherein each of the cylinder ID has the first section composed of seven bits, the second section composed of seven bits, and the third section composed of 4 bits.